

CLAIMS

Please amend the presently pending claims as follows:

1. (Currently Amended) System for remote control of equipment enabling interconnection between at least one server and at least one remote equipment, said at least one server carrying out~~using~~ the MQIsdp protocol,

wherein the system associates, with said at least one ~~of the said~~ remote equipment, radiocommunication means comprising:

- ~~sending and receiving means for exchanging~~ capable of sending and receiving specific AT ~~type~~ commands sent by and/or to be sent to an external application used by ~~the said at least said one~~ remote equipment;
- ~~communication means for exchanging data with said at least one server according to said MQIsdp protocol;~~
- ~~interface means for making an interface between said specific AT commands and said MQIsdp protocol, wherein the said radiocommunication means are provided with a set of special AT commands for exchanging data with at least one server using the said MQIsdp protocol,~~ so as to enable an interconnection between ~~the~~ said at least one server and ~~the~~ said at least one remote equipment ~~through the said radiocommunication means,~~ without requiring knowledge of ~~the~~ said MQIsdp protocol in ~~the~~ said at least one remote equipment;

~~and~~ wherein, in at least a first mode, ~~the~~ said radiocommunication means only manage signalling of a data exchange, ~~the~~ said data being transferred directly from said at least one remote equipment to said at least one ~~a~~ server, or vice versa.

2. (Canceled).

3. (Currently Amended) System for remote control of equipment according to claim 1,

wherein in at least a second mode, ~~the~~ said radiocommunication means manage signalling of a data exchange and transfer of ~~the~~ said data, the data being temporarily stored in at least one buffer memory.

4. (Currently Amended) System for remote control of equipment according to claim 3, wherein the size of ~~the said~~ said at least one buffer memory is parameterable.

5. (Currently Amended) System for remote control of equipment according to claim 4, wherein the system operates in ~~the said~~ said first mode when the size of ~~the said~~ said at least one buffer memory is equal to 0, and otherwise in ~~the said~~ said second mode.

6. (Currently Amended) System for remote control of equipment according to claim 1, wherein ~~the said~~ said radiocommunication means comprise a radiocommunication module comprising all radio frequency and base band data processing means on the same substrate, together with means of managing ~~the said~~ said AT commands.

7. (Currently Amended) System for remote control of equipment according to claim 1, wherein ~~the said~~ said radiocommunication means include ~~the said~~ said MQIsdp protocol in the form of an "open-AT" application defining ~~the said~~ said set of ~~special-specific~~ AT commands.

8. (Currently Amended) System for remote control of equipment according to claim 1, wherein ~~the said~~ said set of ~~special-specific~~ AT commands includes commands for:

- connecting to ~~one of the~~ at least one of said servers;
- sending messages;
- receiving messages.

9. (Currently Amended) System for remote control of equipment according claim 1, wherein at least some of ~~the said~~ said ~~special-specific~~ AT commands are organized so as to be able to

perform at least two functions and / or to act on at least two distinct aspects, as a function of a predefined configuration.

10. (Currently Amended) System for remote control of equipment according claim 1, wherein ~~the said~~said set of commands only includes 8 commands

11. (Currently Amended) System for remote control of equipment according to claim 1, wherein ~~the said~~said set of ~~special-specific~~ AT commands includes a configuration command used to define communication parameters with ~~one of the said~~ at least one servers.

12. (Previously Presented) System for remote control of equipment according to claim 11, wherein the system uses a single configuration command (+WSPGSET) for configuration of radiocommunication aspects and the general configuration of aspects related to the MQIsdp protocol.

13. (Currently Amended) System for remote control of equipment according to claim 10, wherein ~~the said~~said configuration command can be used to select one of at least two transmission modes (GSM or GPRS).

14. (Currently Amended) System for remote control of equipment according to claim 1, wherein the system uses three configuration commands:

- a general communication configuration command (+WSPGSET);
- a connection configuration command (+WSPCSET), particularly used to specify the coordinates of ~~a~~said at least one server;
- a configuration command for the "will" configuration message (+WSPWMS), particularly to specify the channel to which a message will be sent.

15. (Previously Presented) System for remote control of equipment according to claim 1, wherein the system uses at least one general communication command for sending and / or receiving messages using the MQIsdp protocol.

16. (Currently Amended) System for remote control of equipment according to claim 15, wherein the system uses five general communication commands:

- a command for specifying an MQIsdp context (+WSPDCONT);
- a command for managing a connection with ~~a~~said at least one server (+WSPCONM);
- a command for sending a message (+WSPMSG);
- a command for receiving a message (+WSPRMSG);
- an administration command, used to do a reset and / or return to the default values of a set of parameters (+WSPPA).

17. (Previously Presented) System for remote control of equipment according to claim 1, wherein the system uses at least one query command by an external application.

18. (Previously Presented) System for remote control of equipment according to claim 17, wherein the system uses two query commands by an external application, on the following in turn:

- the current state of the connection (+WSPICON);
- reception and / or sending of a message (+WSPIMSG).

19. (Currently Amended) Device for remote control of equipment enabling interconnection between at least one server and at least one remote equipment, said at least one server carrying out according to the MQIsdp protocol,

wherein the device associates, with said at least one ~~of the said~~ remote equipment, radiocommunication means comprising:

~~- sending and receiving means for exchanging specific~~ capable of sending and receiving AT type commands sent by and / or to an external application used by the said at least one remote equipment;

~~- communication means for exchanging data with said at least one server according to said~~
MQIsdp protocol;

~~- interface means for making an interface between said specific AT commands and said MQIsdp protocol, and wherein the device uses a set of special AT commands in the said radiocommunication means for exchanging data with at least one server using the said MQIsdp protocol, so as to enable an interconnection between the said at least one server(s) and the said at least one remote equipment through the said radiocommunication means, without requiring additional processing and / or data formatting means in the said at least one remote equipment, and~~

~~the said radiocommunication means only manage~~ wherein, in at least a first mode, said radiocommunication means only manage signalling of a data exchange, ~~the said data~~ being transferred directly from said at least one remote equipment to a said at least one server, or vice versa.

20. (Previously Presented) A radiocommunication device comprising radiocommunication means used in a system for remote control of equipment according to claim 1.

21. (Previously Presented) A radiocommunication module comprising radiocommunication means used in a system for remote control of equipment according to claim 1.

22. (Currently Amended) A set of AT commands used in a system for remote control of equipment according to claim 1, wherein the set of AT commands enables data exchange with said at least one server using ~~the said MQIsdp protocol.~~